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CERTIFICATE OF MAILING 37 C.F.R 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:	
<u>2/3/05</u> Date	<u>Kerry Morris</u> Kerry Morris

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Anthony F. Veneruso

Serial No.: 10/707,596

Filed: 12/23/03

For: Nanotube Electron Emission Thermal  
Energy Transfer Devices

Group Art Unit: 3672

Examiner:

Atty. Dkt. No.: 24.0843

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

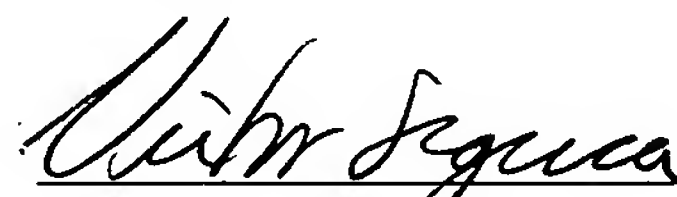
In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Assistant Commissioner is hereby authorized to deduct said fees from Deposit Account No. 19-0610.

Applicant respectfully requests that the listed documents be made of record in the present case.

Schlumberger Technology Corporation  
Sugar Land Product Center  
Intellectual Property Law & Contracts  
200 Gillingham Lane  
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(281) 285-4562  
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Respectfully submitted,

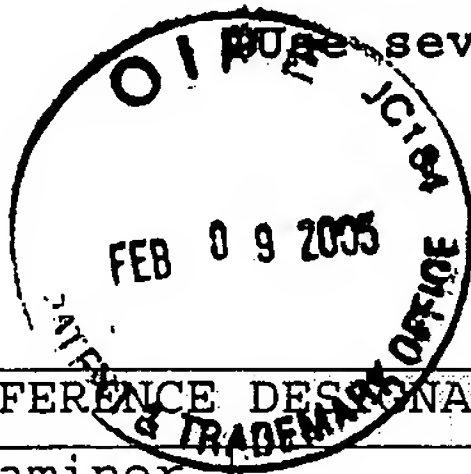
  
Victor H. Segura  
Reg. No. 44,329

Date: 3-Feb-05

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
20.2914SERIAL NO.  
10/707,596LIST OF INFORMATION PROVIDED  
BY APPLICANT

Use several sheets if necessary)



APPLICANT: Anthony F. Veneruso

FILING DATE:  
12/23/03GROUP  
3672

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Patentee
AA	6,089,311	07/18/00	Edelson
AB	6,333,016	12/25/01	Resasco et al.
AC	6,440,761	08/27/02	Choi
AD	6,664,727	12/16/03	Nakamoto
AE	6,605,894	08/12/03	Choi et al.
AF	6,064,137	05/16/00	Cox

## FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation Yes No	
AG				
AH	Hishinuma, Y. et al., "Refrigeration by Combined Tunneling and Thermionic Emission in Vacuum: Use of Nanometer Scale Design," Applied Physics Letter 78(17); April 23, 2001; pp. 2572-2574.			
AI	Shannon, Mark A. et al., "Integrated Mesoscopic Cooler Circuits (IMCCs)," 1999, Proceedings of ASME, Advanced Energy System Division, AES-Vol. 39, pp. 75-82.			
AJ	Tavkhelidze, Avto et al., "Electron Tunneling Through Large Area Vacuum Gap – Preliminary Results," ICT2002 Conference Proceedings; pp. 1-4.			
AK	Dean, Kenneth A. et al., "Carbon Nanotube Field Emission Electron Sources," New Diamond and Frontier Carbon Technology Vol. 12, No. 4, 2002, pp. 1.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 20.2914		SERIAL NO. 10/707,596	
✓ LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Anthony F. Veneruso			
		FILING DATE: 12/23/03		GROUP 3672	
REFERENCE DESIGNATION U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	
	BA				
	BB				
	BC				
FOREIGN PATENT DOCUMENTS					
		Document No.	Date	Country	Translation Yes No
	BD				
OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)					
	BE	Kim, J.M. et al., "Full Color, Large Area Field Emission Displays Using Carbon Nanotube Emitters," EUROFE2000, Sept. 25-29, 2000, Segovia-Spain, pp. 1-2.			
	BF	Selby, John C. et al., "Fabrication of Mesoscopic, Flexible, High Pressure, Microchannel Heat Exchangers (MHEX)," Transactions of NAMRI/SME Vol. XXIX, 2001, pp. 469-476.			
	BG	Muroyama, Masakazu et al., "Fabrication of Carbon Nanotube Triode Using Helicon Plasma CVD with Electroplated NiCo Catalyst," Mat. Res. Soc. Symp. Proc. Vol 772, 2003, pp. M.7.4.1 – M.7.4.6.			
	BH	Fisher, Timothy S., "Nanoscale Energy Conversion by Selective Electron Emission: A New Paradigm or Maxwell's Demon Revisited?" Energy and Nanotechnology: Strategy for the Future, Baker Institute, Rice University, May 4, 2003; Purdue University, School of Mechanical Engineering, and Brick Nanotechnology Center, pp. 1-18.			
EXAMINER			DATE CONSIDERED		

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Patentee			
	CA						
	CB						
	CC						
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Translation Yes No		
	CD						
OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)							
	CE	Wei, B.Q. et al., "Organized Assembly of Carbon Nanotubes," Nature, Vol. 416, April 4, 2002, pp. 495-496.					
	CF	Moores, K.A. et al., "Performance Assessment of Thermoelectric Coolers for Use in High Temperature Electronics Applications," Proceedings of the 18 <sup>th</sup> IEEE International Conference on Thermoelectrics (1999), pp. 31-34.					
	CG	Lee, Ok-Joo et al., "Fabrication of Field Emitter Arrays of Carbon Nanotubes Aligned on Patterned Sustrates Using Self-Assembly Monolayer," Mat. Res. Soc. Symp. Proc. Vol. 772, pp. M7.7.1 – M7.7.6.					
	CH	Spangenburg, K.R. et al., "Fundamentals of Electron Devices," McGraw-Hill, 1957, pp. 137-147 and 156-171.					
	CI	Rupesinghe, N.L. et al., "Field Emission Vacuum Power Switch Using Vertically Aligned Carbon Nanotubes, J. Vac. Sci. Technol. B 21-2(1), Jan./Feb. 2003, pp. 338-343.					
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